

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE **X** WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

DATE FILED **5-18-83**

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. **U-44822** INDIAN

DRILLING APPROVED: **7-13-83 - OIL**

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES

TOTAL DEPTH:

WELL ELEVATION: **5358' GR**

DATE ABANDONED: **10-23-84 LA Application rescinded**

FIELD: **Wildcat 3/86**

UNIT: **Little Nancy Unit**

COUNTY: **San Juan**

WELL NO. **Nancy Federal 34-14** API #**43-037-30913**

LOCATION **10' FSL** FT. FROM (N) (S) LINE. **840' FWL** FT. FROM (E) (W) LINE. **SWSW** 1/4 - 1/4 SEC. **34**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
37S	25E	34	TRICENTROL RESOURCES INC.				

Left msg for Jammy
to give to Lisa.

Plat & APD do not
reconcile.

WJH
5-20

Talked to Lisa Green,
Revisited 7/11

W/ send corrected
survey plat

✓ Rec'd 7/13/83 d.

May 16, 1983

Minerals Management Service

RE: NTL-6 Program
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

Gentlemen:

This letter is to inform you that Tricentrol hereby authorizes Permitco to prepare the above mentioned NTL-6 program and to attend to any other related matters.

If anything further is needed, please advise.

Sincerely,

TRICENTROL RESOURCES INC.

Richard P. Crist

Richard P. Crist
Area Exploration Manager

RPC:ram

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Tricentrol Resources Inc. c/o Permitco

3. ADDRESS OF OPERATOR

1020-15th St., Suite 22-E Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

10' FSL & 840' FWL

At proposed prod. zone

SW/SW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Located 27 miles southwest of Dove Creek, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

10'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

900'

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

6000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5358' Gr.

22. APPROX. DATE WORK WILL START*

Upon approval of A.P.D.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	1325'	600 sx - circulated
7-7/8"	5-1/2"		6000'	250 sx or sufficient to cover zones of interest

Tricentrol Resources Inc. proposes to drill a well to the depth of 6000 feet to test the Ismay and Desert Creek formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per B.L.M. and State of Utah requirements.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. David Howell

SIGNED

David Howell

TITLE

Petroleum Engineer

DATE

3/1/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CS Martin

FOR

E. W. GUYNN

TITLE

DISTRICT OIL & GAS SUPERVISOR

DATE

JUL 21 1983

CONDITIONS OF APPROVAL, IF ANY:

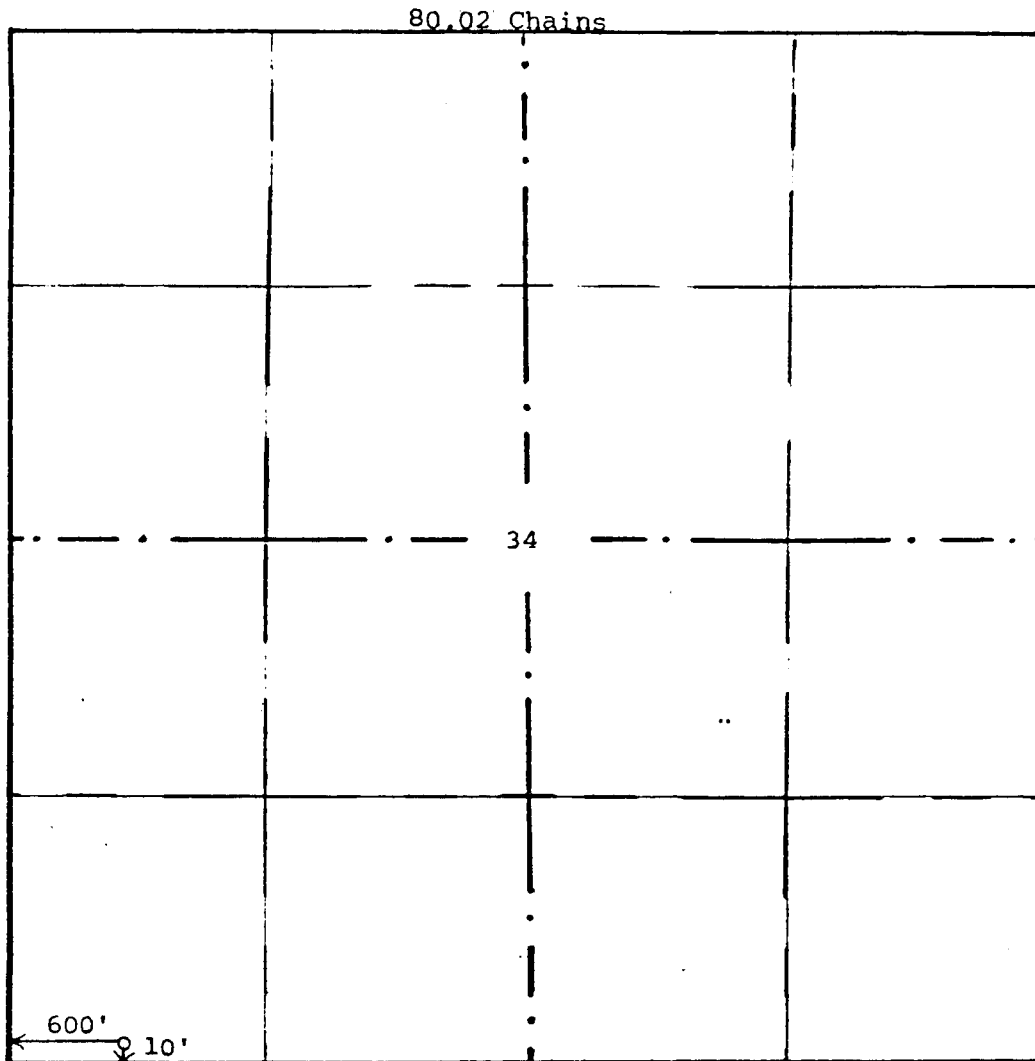
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80*State O+G*



POWERS ELEVATION

Well Location Plat



Operator Tricentrol U.S.A.		Well name Nancy Federal 34-14	
Section 34	Township 37 South	Range 25 East	Meridian SLPM
Footages 10' FSL & 600' FWL			County/State San Juan, Utah
Elevation 5358'	Requested by Lisa Green		
<p>The above plat is true and correct to the best of my knowledge and belief.</p> <p>28 April 1983</p> <p><i>Gerald G. Huddleston</i> Gerald G. Huddleston, L.S. Utah exception</p>			

Permitco

A Petroleum Permitting Company

May 16, 1983

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

RE: Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

RECEIVED

MAY 18 1983

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Tricentrol Resources Inc. proposes to drill a well at the above-mentioned location.

We realize that this location is a non-standard location in accordance with the spacing rules for the State of Utah. This location was picked due to topography and extensive seismic work which was done in the immediate area.

Tricentrol Resources Inc. is the lease holder of all of Sec. 34, T37S-R25E, as well as Sec. 3, T38S-R25E. Therefore, no other lease holders will be affected by the drilling of the above-mentioned location.

We, therefore, request your permission to drill this well at a non-standard location.

Sincerely,

PERMITCO

Lisa L. Green

Lisa L. Green
Consultant for
Tricentrol Resources Inc.

LLG/tjb

Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on reverse side)

13

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well
 Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone ☐

2. Name of Operator
Tricentrol Resources Inc. c/o Permitco

3. Address of Operator
1020-15th St., Suite 22-E Denver, CO 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)
 At surface 10' FSL & 840' FWL
 At proposed prod. zone SW/SW

5. Lease Designation and Serial No.
U-44822

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name
Little Nancy Unit

8. Farm or Lease Name
Nancy Federal

9. Well No.
#34-14

10. Field and Pool, or Wildcat
Unnamed

11. Sec., T., R., M., or Blk. and Survey or Area
Sec.34, T37S-R25E

12. County or Parrish 13. State
San Juan Utah

14. Distance in miles and direction from nearest town or post office*
Located 27 miles southwest of Dove Creek, Colorado

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
10'

16. No. of acres in lease
640

17. No. of acres assigned to this well
40

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.
900'

19. Proposed depth
6000'

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
5358' Gr.

22. Approx. date work will start*
Upon approval of A.P.D.

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4	8-5/8	24#	1325'	600 sx - circulated
7-7/8"	5-1/2"	15.5#	6000'	250 sx - or sufficient to cover zones of interest

Tricentrol Resources Inc. proposes to drill a well to the depth of 6000' to test the Ismay and Desert Creek formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per B.L.M. and State of Utah requirements.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
 DATE: 5/13/83
 BY: [Signature]

RECEIVED
 MAY 18 1983

DIVISION OF
OIL GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. David Howell
 Signed [Signature] Title Petroleum Engineer Date 3/16/83
 (This space for Federal or State office use)

Permit No. _____ Approval Date _____

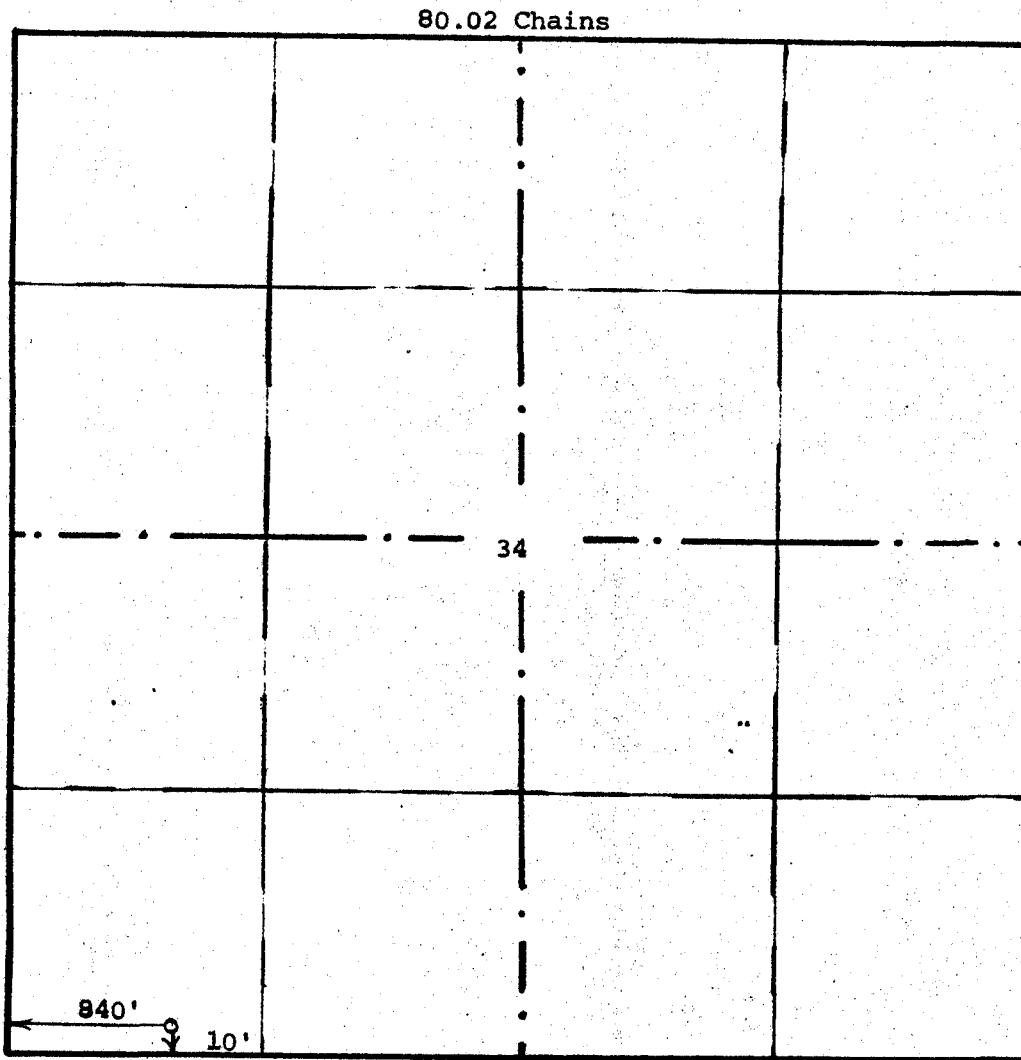
Approved by _____ Title _____ Date _____
 Conditions of approval, if any:



POWERS ELEVATION

PLAT #1

Well Location Plat



RECEIVED

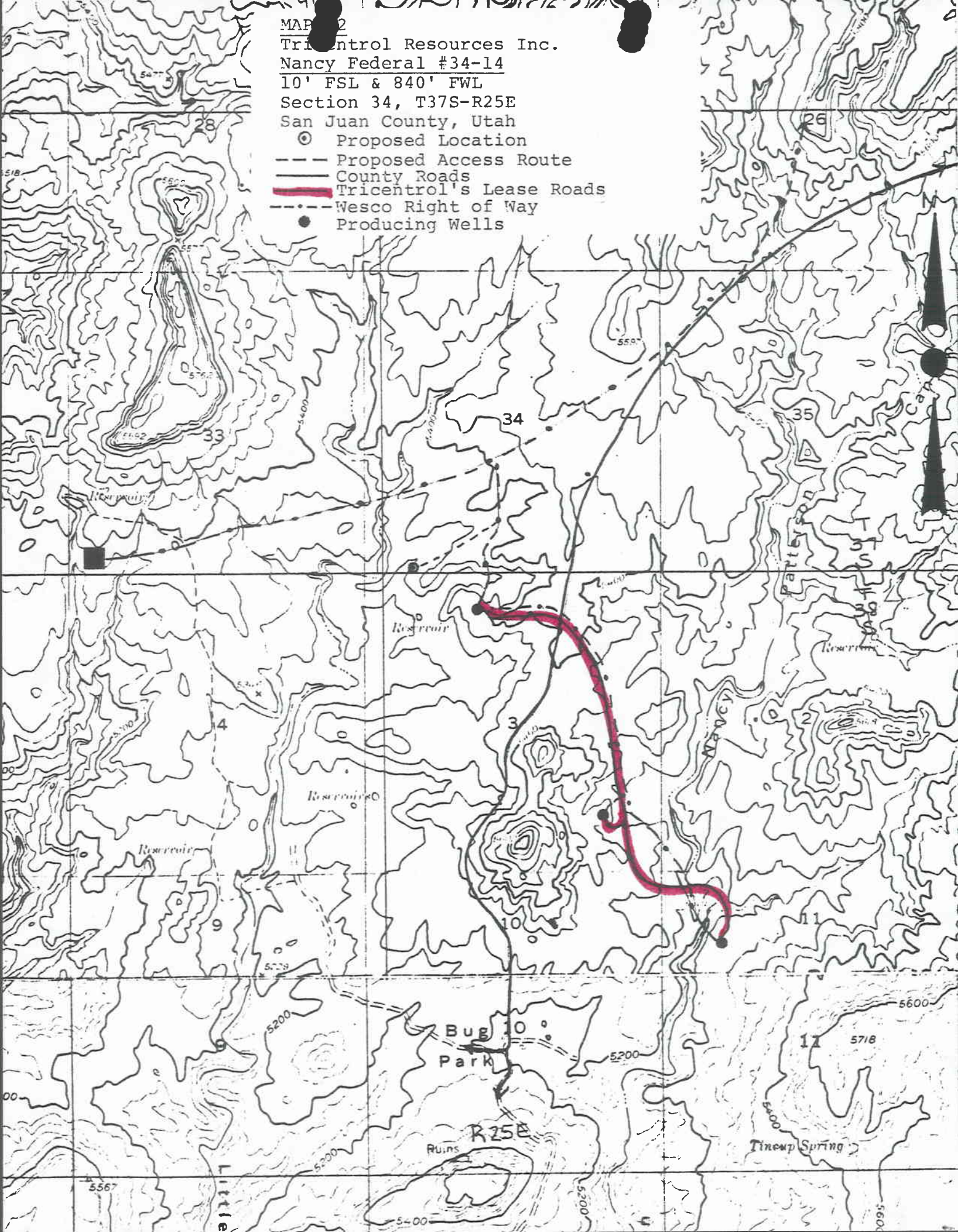
JUL 13 1983

DIVISION OF
OIL, GAS & MINING

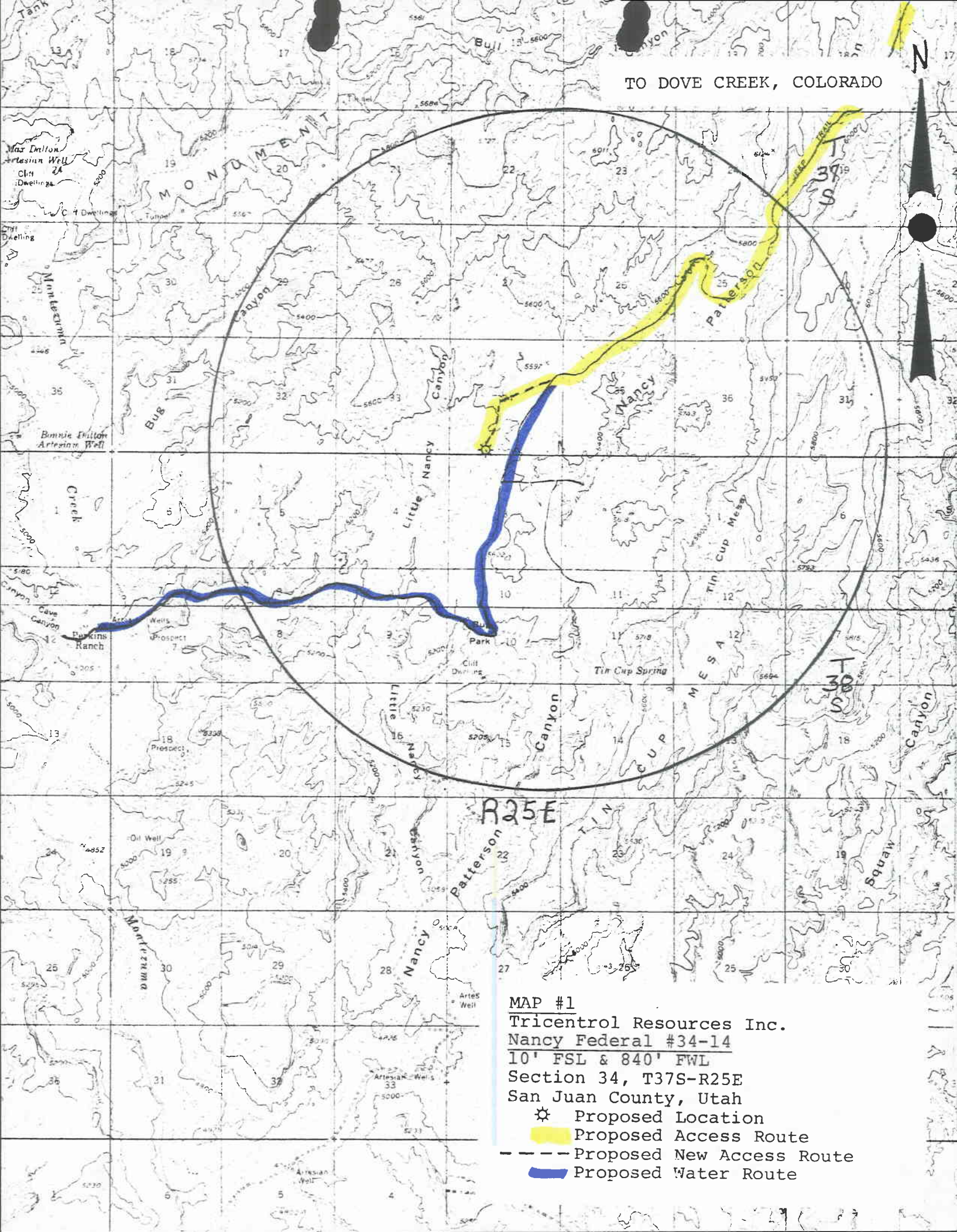
Operator Tricentrol U.S.A.		Well name Nancy Federal 34-14	
Section 34	Township 37 South	Range 25 East	Meridian SLPM
Footages 10' FSL & 840' FWL			County/State San Juan, Utah
Elevation 5325'	Requested by Lisa Green		
The above plat is true and correct to the best of my knowledge and belief.			
23 May 1983		<i>Gerald G. Huddleston</i> Gerald G. Huddleston, L.S. Utah exception	

MAP 2
Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

- ⊙ Proposed Location
- Proposed Access Route
- County Roads
- Tricentrol's Lease Roads
- - - Wesco Right of Way
- Producing Wells



TO DOVE CREEK, COLORADO



MAP #1

Tricentrol Resources Inc.

Nancy Federal #34-14

10' FSL & 840' FWL

Section 34, T37S-R25E

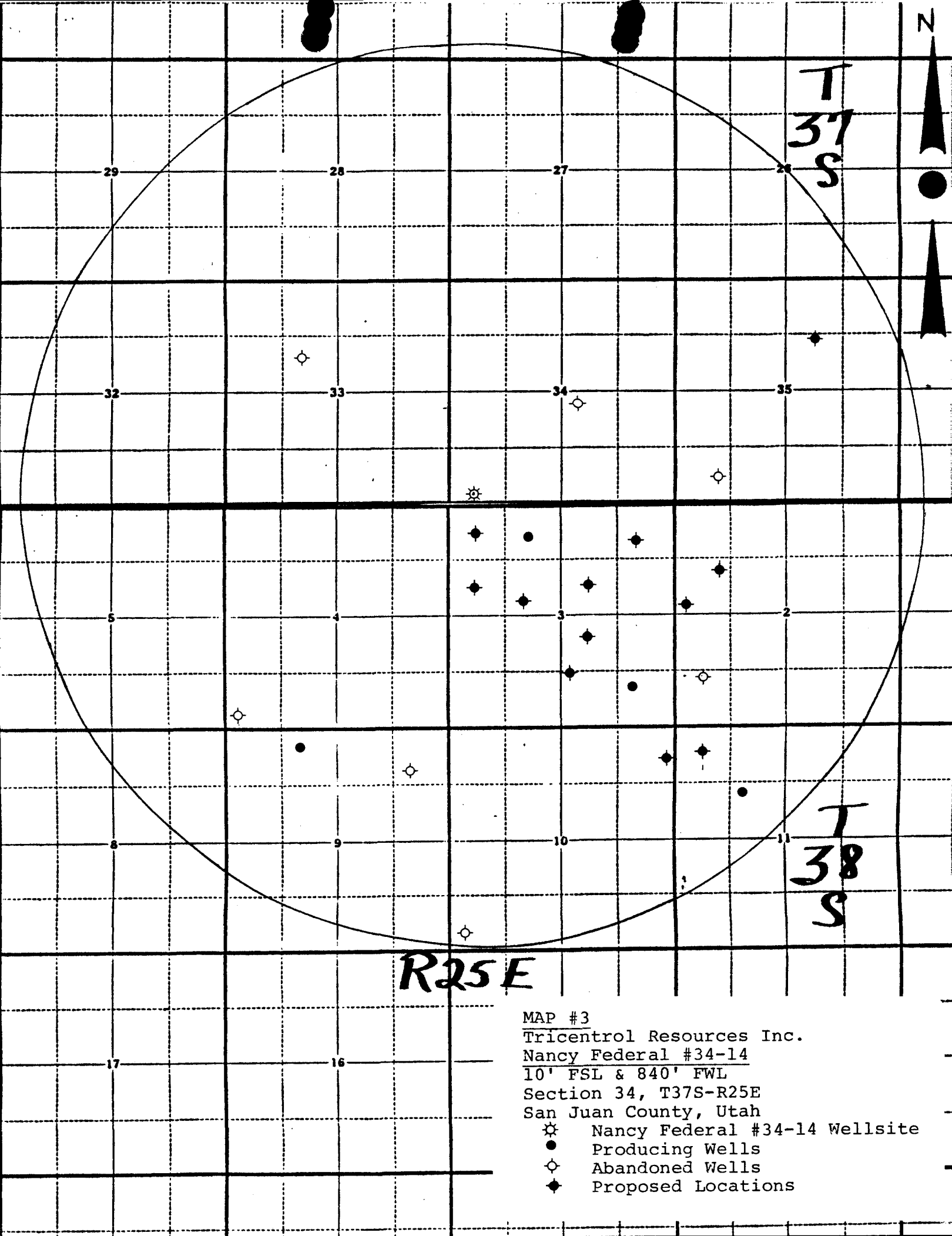
San Juan County, Utah

☆ Proposed Location

— Proposed Access Route

- - - Proposed New Access Route

— Proposed Water Route



T
37
S

T
38
S

R25E

MAP #3
Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah
★ Nancy Federal #34-14 Wellsite
● Producing Wells
◇ Abandoned Wells
◆ Proposed Locations

NTL-6 PROGRAM

APPROVAL OF OPERATIONS

NANCY FEDERAL #34-14
10' FSL and 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

Prepared for:

TRICENTROL RESOURCES INC.

By:

PERMITCO
1020 Fifteenth Street, Suite 22E
Denver, Colorado 80202

Copies Sent To:

- 4 - BLM - Salt Lake City, UT
- 1 - BLM - Monticello, UT
- 1 - Div. of Oil, Gas & Mining, SLC, UT
- 6 - Tricentrol Resources Inc.

Permitco

A Petroleum Permitting Company

TEN POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

1. The outcropping geologic formation is the Morrison.
2. The estimated formation tops to be encountered are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Entrada	440'	+4930'
Chinle	1275'	+4095'
Cutter	2540'	+2830'
Hermosa	4490'	+ 880'
Ismay	5465'	- 95'
Desert Creek	5720'	- 350'
T.D.	6000'	- 630'

3. The following depths are estimated for oil and gas bearing zones:

<u>Substances</u>	<u>Formations</u>	<u>Anticipated Depths</u>
Oil	Ismay	5520'
Oil/Gas	Desert Creek	5720'

4. a. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	
Surface	1325'	12-1/4"	8-5/8"	24.0#	K-55	ST&C	NEW
Production	6000'	7-7/8"	5-1/2"	15.5#	K-55	LT&C	NEW

- b. The cement program will be as follows:

<u>Surface</u>	<u>Type and Amount</u>
0-1325'	300 sx. Lite Cement + 300 sx. Class "B" w/2% CaCl ₂ tail slurry, or sufficient to circulate.
<u>Production</u>	<u>Type and Amount</u>
0-6000'	250 sx. 50/50 poz mix slurry, 1000' fill or sufficient to cover zones of interest.

5. The blowout preventer stack will consist of a Shaffer 10" 5000# BOP. See diagram attached. Equipment will be tested prior to drilling out from under surface and operational checks will be made daily thereafter.

Permitco

A Petroleum Permitting Company

TEN POINT COMPLIANCE PROGRAM
OF NTL-6 APPROVAL OF OPERATIONS

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

6. Drilling fluid will be as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Viscosity</u>	<u>F/L</u>
0-4100'	Clear Water	8.5- 9.0	35	N/C
4100-6000'	Gel Chem	9.5-10.1	35	6-8

7. Auxiliary equipment to be used is as follows:

- a. Kelly cock
- b. Float above the bit.
- c. Monitoring of the system will be done visually.
- d. A sub with a full opening valve will be on the floor when the kelly is not in use.

8. Testing, logging and coring will be as follows:

- a. No cores are anticipated.
- b. Drill stem tests will be run at all drilling breaks and shows in both the Ismay and Desert Creek.
- c. The logging program will consist of Dual Induction-SFL; Neutron Density, Sonic Log, Dipmeter and Velocity Survey.
- d. The zones of interest will be perforated with two shots per foot through the native porosity. The well will be swabbed back. If the well does not begin to flow, the zones of interest will be acidized with 1500 to 3000 gallons 28% HCl acid.

9. No abnormal pressures or hydrogen sulfide gas are anticipated during the course of drilling to T.D. The maximum bottom hole pressure to be expected is 3500 psi.

10. Tricentrol Resources Inc. plans to spud the Nancy Federal #34-14 upon approval of this permit and intends to complete the well within approximately one month after the well has reached T.D.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

Gentlemen:

We submit the following application and plats for permission to drill the Nancy Federal #34-14.

1. Existing Roads

- a. The proposed well site and elevation plat is shown on Plat #1.
- b. Directions to the location from Dove Creek, Colorado are as follows: Go southwest on Bug Point Road for 17 miles until it intersects with the Nancy Patterson Road. Go 9.4 miles. Turn right (west) on to new county road for .6 miles. Turn south and follow pipeline for .5 mile. Turn southwest and go 1/4 mile to the location.
- c. For access roads see Maps #1 and #2.
- d. All existing roads within a 3-mile radius are shown on Map #1.
- e. This is a development well. All roads within a one-mile radius of the well site are shown on Maps #1 and #2.
- f. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- g. Improvement to existing access will not be necessary and will be limited to a total existing disturbed width. New construction will be limited to total disturbed width of 20 feet. Surfacing material will not be placed on the access road or location without prior BLM approval.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. The San Juan County Road Department in Monticello, Utah will be contacted prior to use of county roads (801/587-2249).

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.D.

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

2. Planned Access Roads

- a. New access road will be approximately 20 feet wide and 3/4 mile long.
- b. The grade will be 5% or less.
- c. No turnouts are planned.
- d. There will be no ditching. Water bars will be constructed as directed by the Bureau of Land Management to control erosion. (To be done at a later date if production is established.)
- e. Any additional drainage will be installed as deemed necessary by the dirt contractor.
- f. No culverts will be necessary. Maximum cut is 10'. Maximum fill is 10'.
- g. Only native materials will be utilized.
- h. No gates, cattle guards, or fence cuts will be necessary.

3. Location of Existing Wells (See Map #3)

- a. Water wells - none
- b. Abandoned wells - seven
- c. Temporarily abandoned wells - none
- d. Disposal wells - none
- e. Drilling wells - none
- f. Producing wells - four
Tricentrol's producing wells are as follows:
 - (1) Nancy Federal #3-44
920' FSL & 1050' FEL
Sec. 3, T38S-R25E
 - (2) Nancy Federal #11-22
1400' FNL & 1550' FWL
Sec. 11, T38S-R25E
 - (3) Nancy Federal #1-3
710' FNL & 1960' FWL
Sec. 3, T38S-R25E
- g. Shut in wells - none
- h. Injection wells - none
- i. Monitoring observation wells - none

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

3. Location of Existing Wells (cont.)

j. Proposed Locations - as follows:

- (1) Nancy Federal #35-32
1350' FNL & 1850' FEL
Sec. 35, T37S-R25E
- (2) Nancy State #2-21
1480' FNL & 1010' FWL
Sec. 2, T38S-R25E
- (3) Nancy Federal #3-32
1960' FNL & 1780' FEL
Sec. 3, T38S-R25E
- (4) Nancy Federal #11-11
NW/NW Sec. 11, T38S-R25E
- (5) Nancy Federal #3-33
1940' FSL & 1760' FEL
Sec. 3, T38S-R25E
- (6) Nancy Federal #10-41
550' FNL & 330' FEL
Sec. 10, T38S-R25E
- (7) Nancy Federal #3-22
2100' FNL & 1860' FWL
Sec. 3, T38S-R25E
- (8) Nancy Federal #3-11
610' FNL & 610' FWL
Sec. 3, T38S-R25E
- (9) Nancy Federal #3-34
1370' FSL & 2635' FEL
Sec. 3, T38S-R25E
- (10) Nancy Federal #3-12
1930' FNL & 610' FWL
Sec. 3, T38S-R25E
- (11) Nancy Federal #3-41
1000' FNL & 880' FEL
Sec. 3, T38S-R25E
- (12) Nancy State #2-12
2450' FNL & 110' FWL
Sec. 2, T38S-R25E

Permitco

A Petroleum Permitting Company

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

4. Location of Existing and/or Proposed Facilities

- a. There are three sets of production facilities owned and controlled by Tricentrol Resources Inc. within a one-mile radius of the proposed well. Pipelines in the immediate area are shown on Map #2.
- b. New facilities contemplated in the event of production are shown on Diagram #1.
 1. Proposed tank battery will be located as shown on Diagram #1.
 2. All flow lines from well site to battery site will be buried below frost line depth.
 3. Dimensions of the facilities will be 225 feet long and 170 feet wide. See Diagram #1.
 4. All above-ground production facilities will be painted a neutral color to be approved by the Bureau of Land Management.
 5. Only native materials will be utilized.
 6. An earthen dike utilizing subsoil in the surrounding area will be built around the storage tanks and heater ~~treater~~ to contain oil should a leak occur. Any necessary pits will be properly fenced to prevent any wildlife entry. The production pit will be flagged overhead.
 7. The reserve pit will be fenced and allowed to dry. Then all pits will be backfilled. The location not needed for production will be leveled, contoured and reseeded as per Bureau of Land Managment requirements.
 8. The access shall be upgraded to the following specifications (if production is established). The road shall be 20 feet wide, crowned and ditched. Culverts will be installed as deemed necessary by the Bureau of Land Managment.

5. Location and Type of Water Supply

- a. The source of water will be the stockponds at the Perkins Ranch which is located in Section 7, T38S-R25E. Directions to the water source are shown on Map #1.
- b. Water will be trucked to location over the roads marked on Map #1.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

5. Location and Type of Water Supply (cont.)

- c. No water well is to be drilled on this lease.
- d. A temporary use permit will be obtained from the Utah State Engineer (801/647-1303) before using this water source.

6. Source of Construction Materials

- a. Only native materials are to be utilized.
- b. No construction materials will be taken off Federal land.
- c. Surface and subsoil materials in the immediate area will be utilized. Any gravel will be purchased from a commercial source.
- d. All major access roads are shown on Maps #1 and #2.
- e. The top 6 inches of soil material will be removed from the location and stockpiled separate from the trees on the south end of the location. Topsoil along the access will be reserved in place.

7. Methods for Handling Waste Disposal

- a. Drill cuttings are to be contained and buried in the reserve pit.
- b. Drilling fluids are to be contained in the reserve pit.
- c. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- d. If a chemical porta-toilet is not furnished with the drilling rig, a sewage borehole will be used and its contents buried with a minimum of 4 feet of fill.
- e. If a trash pit is used, it will be constructed near the mud tanks with steep sides and dug at least six feet into solid, undisturbed material. It will be totally enclosed with fine mesh wire before the rig moves in.
- f. The reserve pit will be lined with commercial bentonite at the contractor's discretion. At least half of the capacity will be in cut.
- g. Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling operations being. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

7. Methods for Handling Waste Disposal (cont.)

- h. Trash will not be disposed of in the reserve pit. Garbage and nonflammable waste are to be contained in the trash pit. Flammable waste is to be contained in the burn pit. The trash is to be burned periodically and the remains buried when the well is completed. A burning permit will be obtained from the State Fire Warden (801/587-2795) before burning trash.
- i. All trash, garbage, etc. is to be gathered and buried at the end of drilling operations and covered with a minimum of two feet of earth. Immediately on completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. Nonburnable debris will be hauled to a local town dump. Reserve and mud pits will be allowed to dry after drilling is completed and then adequately filled and leveled. All garbage and sewage pits will be filled as soon as the rig leaves the location.

8. Ancillary Facilities

- a. There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. See Diagram #2 for rig layout. See Diagram #3 for cross section of drill pad. See Diagram #4 for cuts and fills.
- b. The location of mud tanks; reserve, burn and trash pits; pipe racks; living facilities; and soil stockpiles will be shown on Diagram #2. The location will be laid out and constructed as discussed during the predrill conference.

10. Plans for Restoration of Surface

- a. Immediately upon completion of drilling, all trash and debris will be collected from the location and surrounding area. All trash and debris will be disposed of in the trash pit and will then be compacted and buried under a minimum of two feet of compacted soil.
- b. The operator or his contractor will contact the BLM office in Monticello, Utah, (801/587-2201) 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

10. Plans for Restoration of Surface (cont.)

- c. Before any dirt work to restore the location takes place, the reserve pit will be completely dry.
- d. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling cuts.
- e. The stockpiled topsoil will be spread evenly over the disturbed area. All disturbed areas will be ripped with the contour to a depth of 12 inches.
- f. Water bars will be built as follows to control erosion:

<u>Grade</u>	<u>Spacing</u>
2%	Every 200 feet
2-4%	Every 100 feet
4-5%	Every 75 feet
5+%	Every 50 feet

- g. Seed will be broadcast between October 1 and February 28 with the following prescription. When broadcast seeding, a harrow or similar implement will be dragged over the seeded area to assure seed cover.

Seed Mixture:

2 lbs./acre Indian Ricegrass
1 lb./acre Curleygrass
1 lb./acre Alkali Sacaton
2 lbs./acre Fourwing Saltbush
1 lb./acre Shadscale
1 lb./acre Weld Sunflower

After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The access will be blocked to prevent vehicular access.

- h. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.
- i. The access shall be upgraded to BLM Class III road specifications, if production is established.

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Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

11. Other Information

- a. 1. Topography: The well pad is located on a low bench and a ridge slope with relatively prominent arroyos bordering the pad on the north and west.
2. Soils: Primarily sand, gravel and cobble-sized colluvium and residual deposits. Some exposed bedrock was seen.
3. Vegetation: Consists of juniper, sagebrush, snakeweed and bunchgrass.
4. Fauna: Rabbits, small rodents and an occasional deer.
- b. Surface in the area is owned by the BLM and is used for cattle grazing and oil and gas exploration.
- c. The nearest water is found in the Little Nancy Canyon west of the proposed well site.
- d. The nearest occupied dwelling is approximately 7 miles southwest at the Perkins Ranch.
- e. An archeological study was performed. No significant cultural resources were found and clearance is recommended. See Archeological report attached.
- f. Drilling will begin upon approval of this application.
- g. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they are subject to prosecution for disturbing archeological sites or picking up artifacts. Salvage or excavation of identified archeological sites will only be done if damage occurs.
- h. The operator will notify the San Juan Resource Area BLM office in Monticello, Utah (801/587-2201) 48 hours prior to beginning any work on public land.
- i. The operator will give the dirt contractor a copy of the Surface Use Plan and any additional BLM stipulations before any work is done.

Permitco

A Petroleum Permitting Company

MULTI-POINT REQUIREMENTS
TO ACCOMPANY A.P.D.

Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

12. Lessee's or Operator's Representative

PERMIT MATTERS

Permitco
Lisa Green
1020 - 15th Street
Suite 22E
Denver, CO 80202
(303/595-4051) (W)

DRILLING & COMPLETION MATTERS

Tricentrol Resources Inc.
David Howell
5675 So. Tamarac Parkway
Suite 200
Englewood, CO 80111
(303/694-0988) (W)
(303/423-1025) (H)

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Tricentrol Resources Inc. and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

3/16/83
Date

David Howell
David Howell - Petroleum Engineer
TRICENTROL RESOURCES INC.

Permitco

A Petroleum Permitting Company

Scale: 1' = 50'

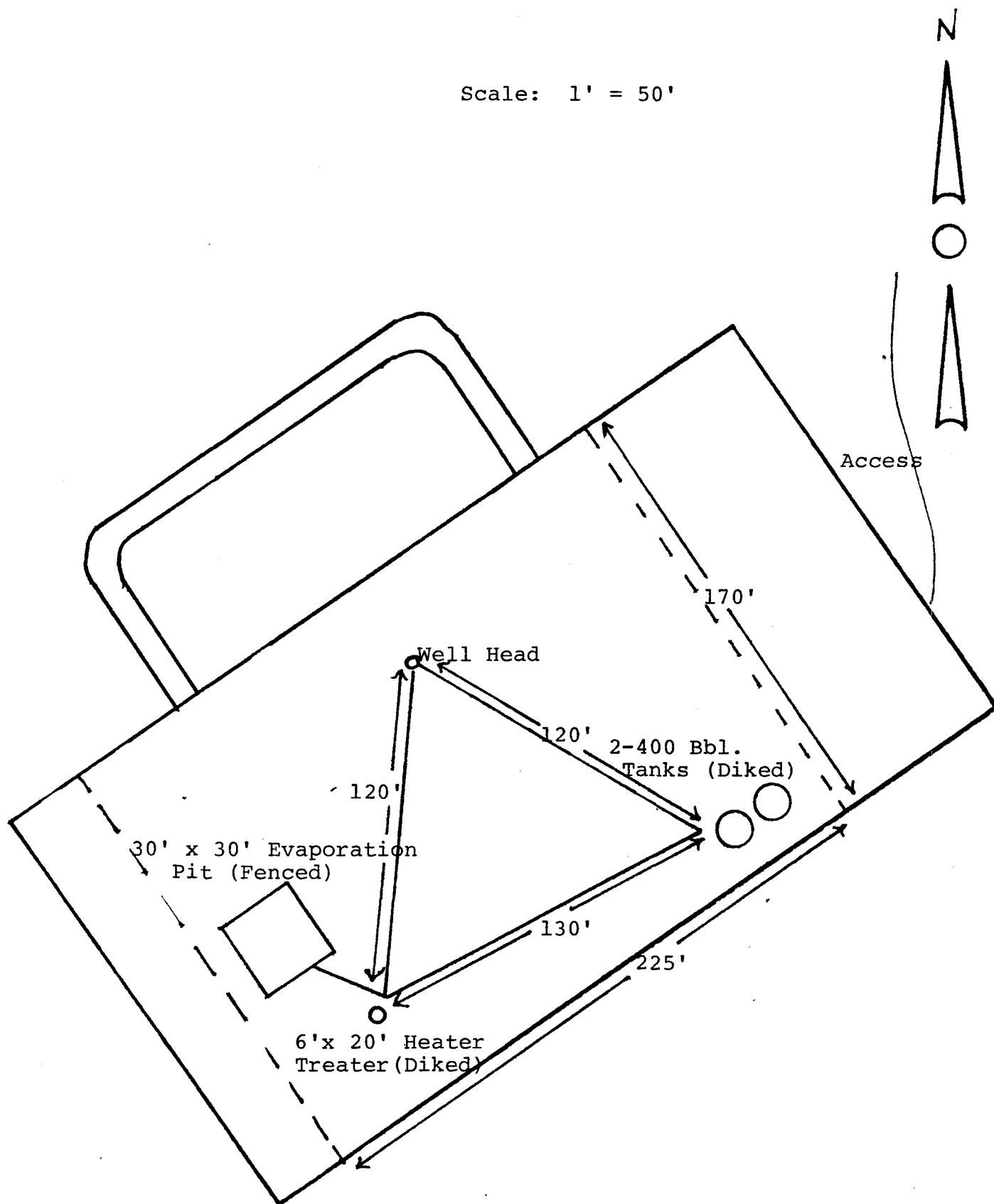


DIAGRAM #1
Production Facilities Layout
Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah

Scale: 1" = 50'

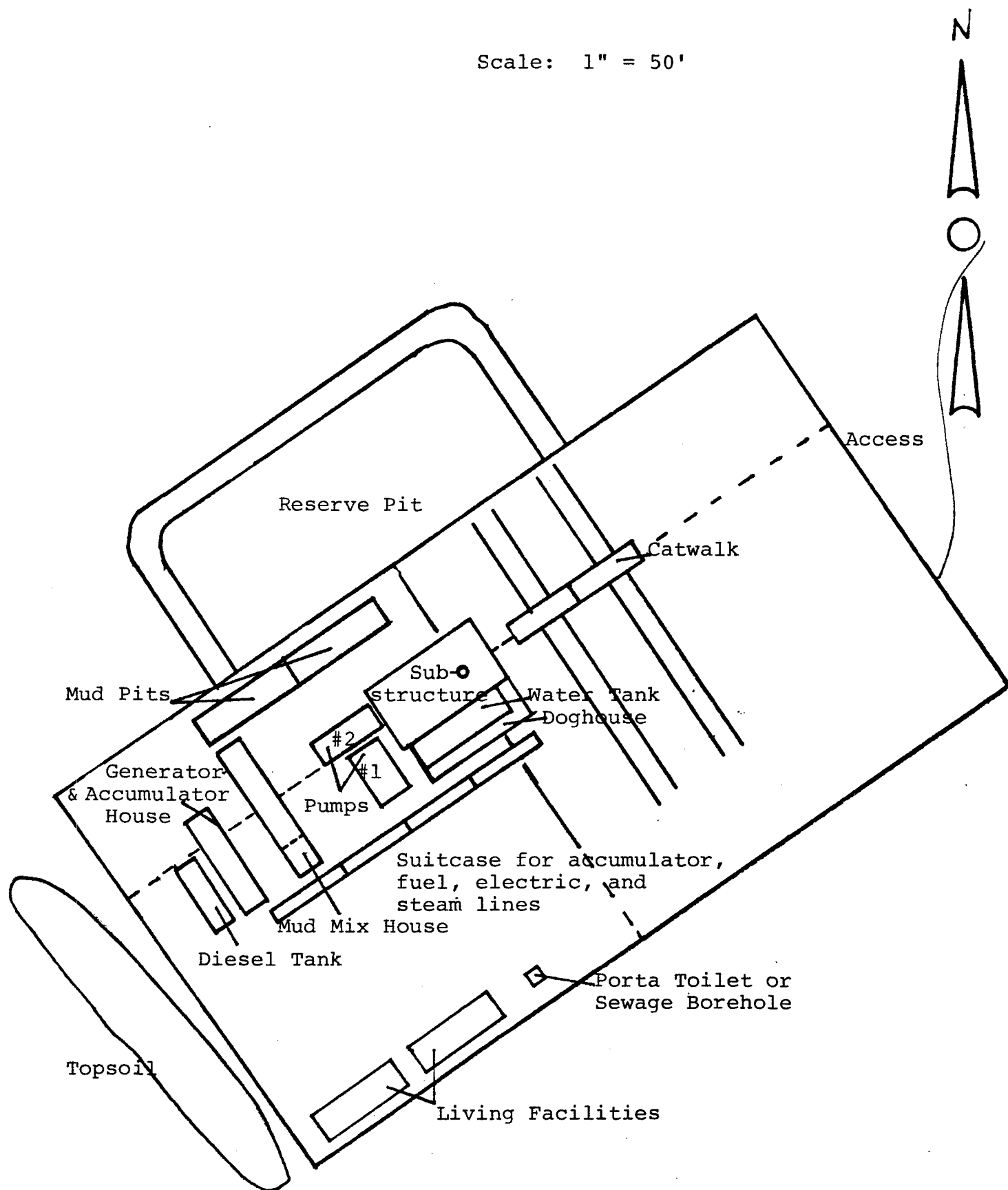


DIAGRAM #2
Rig Layout
Tricentrol Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah



POWERS ELEVATION

Well Nancy Federal 34-14

OIL WELL ELEVATIONS — LOCATIONS
ENVIRONMENTAL — ARCHAEOLOGICAL SERVICES
800 SOUTH CHERRY STREET, SUITE 1201
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

Cut ///////////////
Fill: ~~~~~

Scales: 1"=50'H.
1'=20'V.

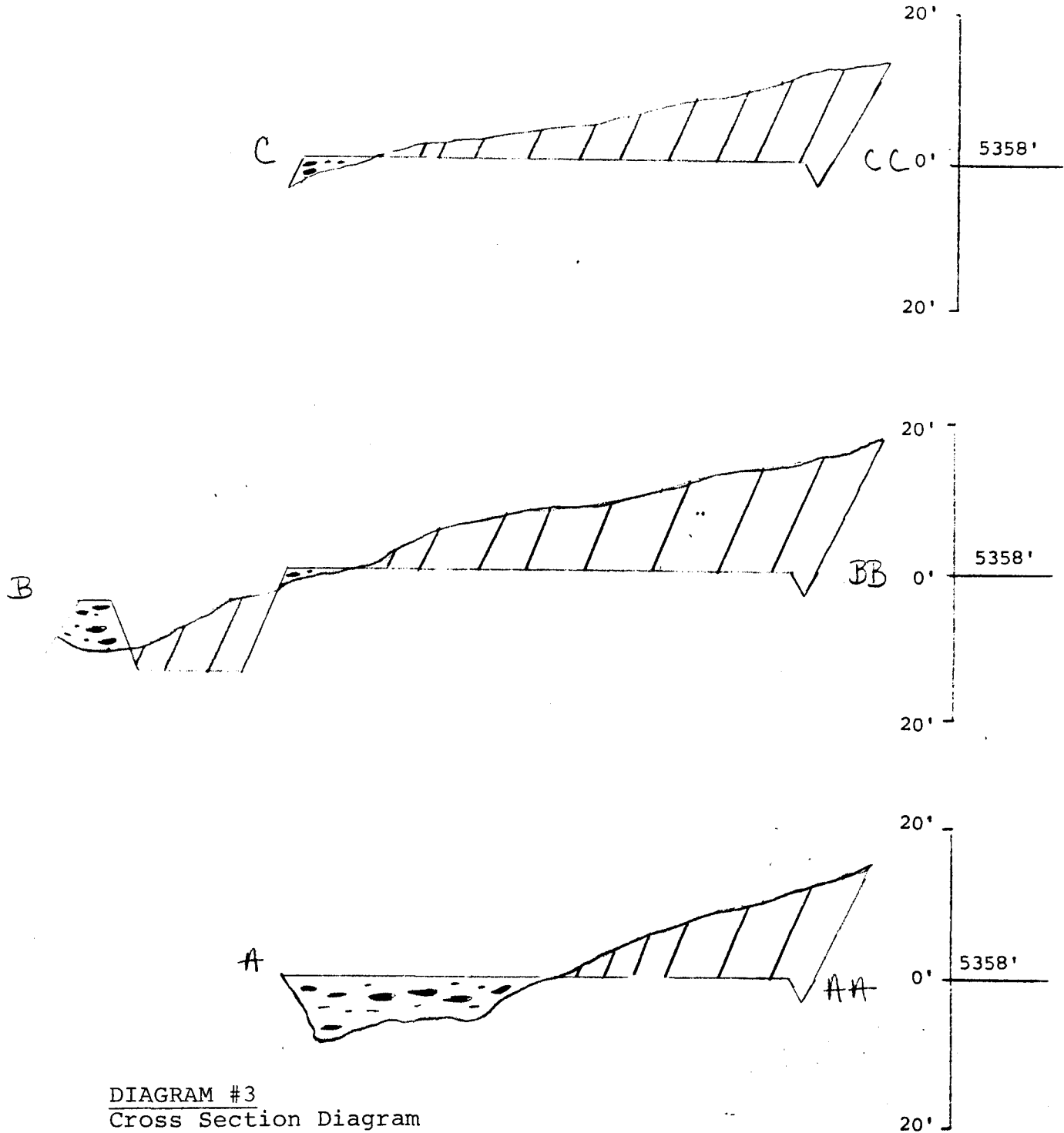


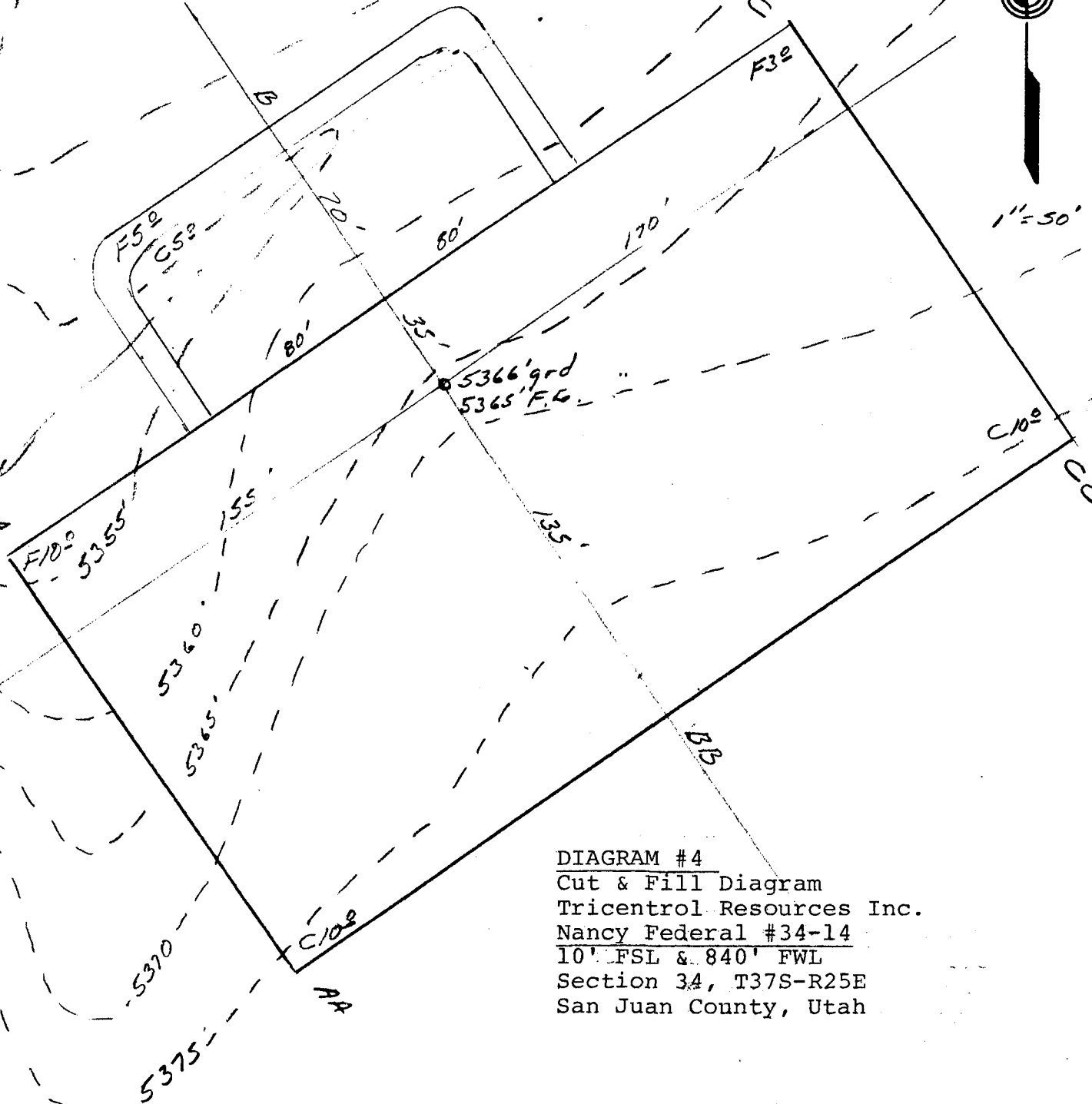
DIAGRAM #3
Cross Section Diagram
Tricentral Resources Inc.
Nancy Federal #34-14
10' FSL & 840' FWL
Section 34, T37S-R25E
San Juan County, Utah



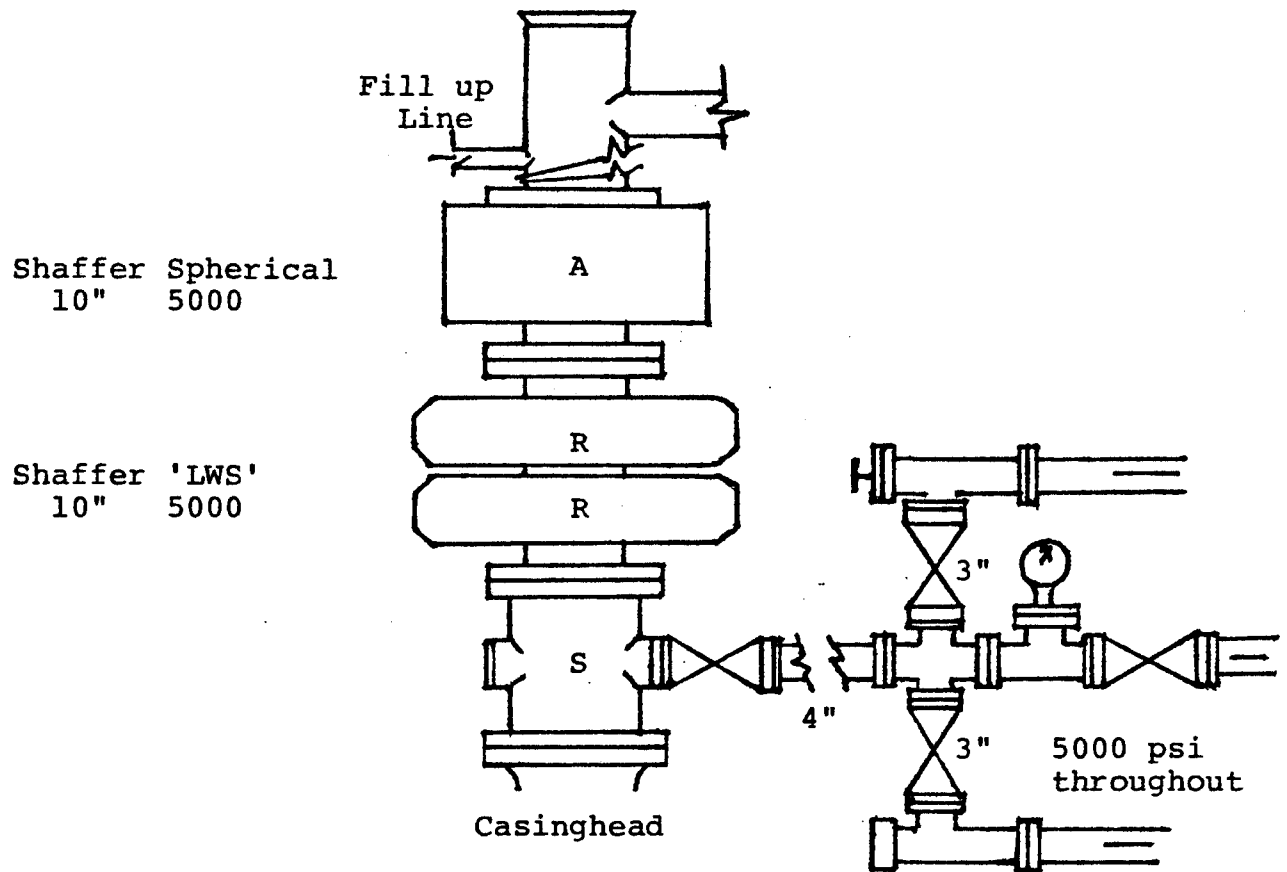
POWERS ELEVATION



1" = 50'



BOP DIAGRAM



AN ARCHEOLOGICAL SURVEY OF
TRICENTROL RESOURCES, INC.'S
NANCY FEDERAL #34-14 WELL PAD
AND ACCESS ROAD
SAN JUAN COUNTY, UTAH

LAC REPORT 8317

by
Patrick L. Harden

LA PLATA ARCHEOLOGICAL CONSULTANTS, INC.
P.O. BOX 783
DOLORES, COLORADO 81323
(303) 882-4933

MAY 5, 1983

Federal Antiquities Permit
83-AZ/CO/NM/UT-006

Prepared For:
Tricentrol Resources, Inc.
Suite 200
5675 S. Tamarac Parkway
Englewood, Colorado 80111

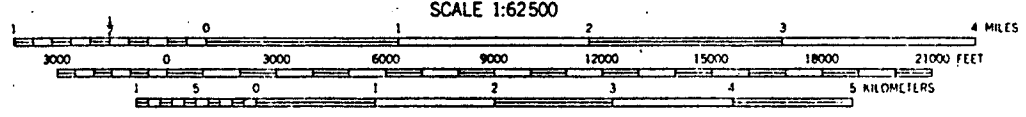
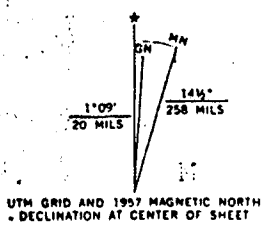
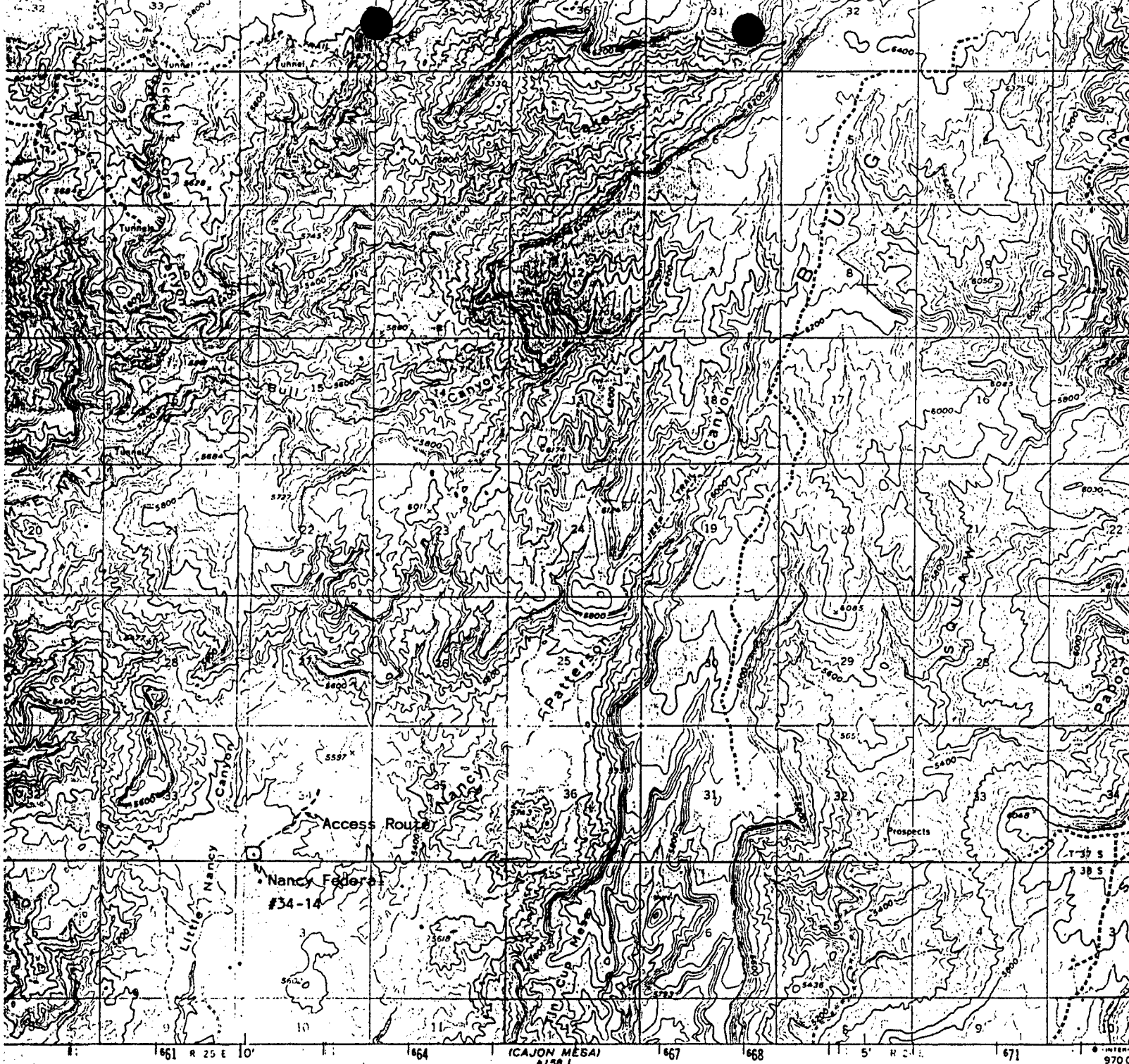
ABSTRACT

An archeological survey of Tricentrol Resources, Inc.'s Nancy Federal #34-14 well pad and access road was conducted on April 27, 1983 by personnel of La Plata Archeological Consultants, Inc. of Dolores, Colorado. The project is located on lands administered by the Bureau of Land Management - San Juan Resource Area, Utah. An area 600 X 600 feet surrounding the well pad center stake and a 66' wide (20 meters) corridor along approximately 3000' of access road was archeologically investigated. One isolated artifact occurrence was found in the well pad area; however, there does not appear to be either significance to the find or depth to the deposits. Archeological clearance is recommended for this project.

INTRODUCTION

The archeological survey for Tricentrol Resources, Inc.'s Nancy Federal #34-14 well pad project was requested by Ms. Lisa Green, acting permit agent for Tricentrol. The survey was conducted in conjunction with the pre-drill on-site inspection on April 27, 1983. Persons attending the pre-drill were Ms. Green (Permitco), Dave Howell (Tricentrol), Brian Wood (BLM), Gerald Huddleston (Powers Elevation), Al Heaton (Urado Construction), and Patrick Harden (La Plata Archeological Consultants).

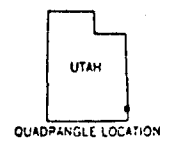
The well pad is located in the SW $\frac{1}{4}$, SW $\frac{1}{4}$, of section 34, T37S, R25E, San Juan County, Utah. The area is included on



CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

MONUMENT CANYON, UTAH-COLO. 1957

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



Monument Canyon, Utah-Colo. 15' series topographic map (1957).

Access to the well pad will connect the well to the Bug Point county road to the northeast.

PROJECT DESCRIPTION

The proposed project consists of the construction of a single well pad ca. 275 X 300 feet in size, and approximately 3000' of new access road. The access partially follows an existing trail. Access to the #34-14 well pad will also be used for partial access to Tricentrol's Nancy Federal wells 3-11, 3-12, and 3-22 in the event that these are producers. Also, the access will connect with the presently producing Nancy Federal #3-10 well, forming a loop between all five wells if all are productive.

PHYSIOGRAPHY AND ENVIRONMENT

The project area is located in Bug Park, a large open valley along the central reaches of Nancy Patterson Canyon. The area is bordered on the east by Tin Cup Mesa, and on the west by Little Nancy Canyon. The terrain in Bug Park is gently undulating in most areas, although prominent steep isolated hills and ridges are scattered throughout the area. The #34-14 well pad is located on a low bench and ridge slope, with relatively prominent arroyos bordering the pad on the north and west. Low rocky ridges are present on the east and south. Erosion is marked in the pad vicinity, with bedrock having been exposed in many places. The access route follows gently sloping

terrain to the northeast of the well pad.

Sediments are primarily sand, gravel, and cobble sized colluvium and residual deposits. Erosion has exposed bedrock in several places, although there is more depth to sediments along the northwest side of the pad.

Vegetation consists of juniper, sagebrush, snakeweed, and bunch grass. The understory is sparse in the well pad area, with grasses dominant along most of the access route. The nearest source of permanent water is Tin Cup Spring, located ca. 2 miles southeast. Fauna present is consistent with that of the Upper Sonoran Life Zone found throughout much of the Southwest. Current use of the area is primarily oriented toward livestock grazing, although the well pad area is generally unsuitable for such purposes.

EXAMINATION PROCEDURES

A file and literature review was conducted at the San Juan Resource Area office of the Bureau of Land Management in Monticello, Utah on April 4th, prior to the field investigations. None of the well pad had been previously surveyed, with two seismograph lines crossing the access route at right angles. The archeological survey for the seismograph lines is presumed, although no record of the results of these projects is presently available. No archeological sites or National Register properties are recorded for the project area.

An area 600 X 600 feet surrounding the well pad center stake and a 20 meter wide (66') area along the access road were

archeologically surveyed. Both the well pad and access route were flagged prior to the survey. On-the-ground survey consisted of walking a series of transects spaced at 15m intervals across the well pad area, and a single sinuous transect along the access route.

RESULTS

One isolated artifact occurrence was found on the well pad and consisted of a base section of a biface (square base); three large primary flakes of quartzite, chert, and chalcedony; and two Mesa Verde affiliated plain grayware sherds. Bedrock was exposed in the find area (10 X 10m) and there is no apparent depth to the cultural deposits. The artifacts were found in eroded areas, apparently having been washed down from the ridge located to the southeast of the well pad area; however, no evidence of an archeological site was noted on the ridge. The isolated find is not culturally significant nor capable of supplying substantive information pertinent to the cultural history of the area. The nature of the sediments in the area make the possibility of buried cultural deposits being present highly unlikely.

CONCLUSION

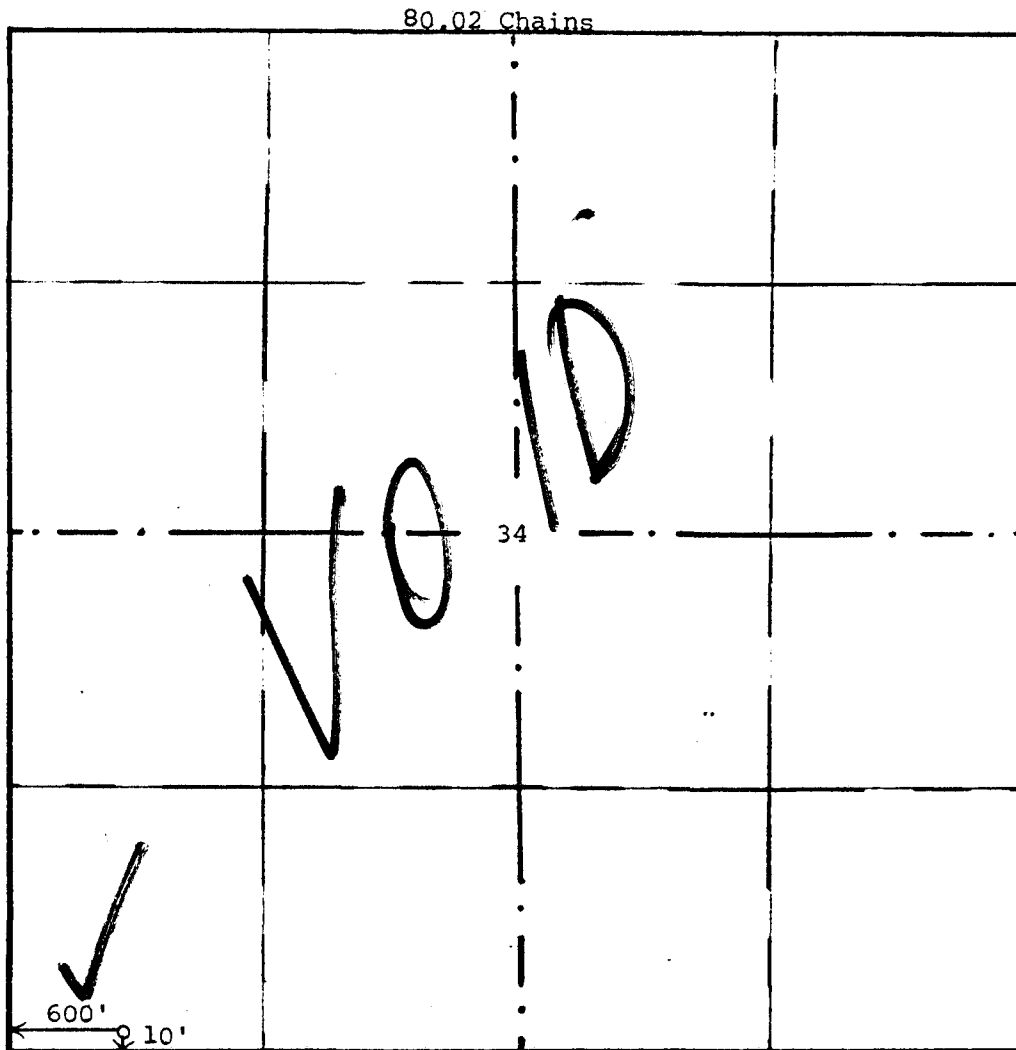
The archeological survey of Tricentrol Resources, Inc.'s Nancy Federal #34-14 well pad was conducted by Patrick Harden of La Plata Archeological Consultants on April 27, 1983. No significant cultural resources were located in the project

area. An area 600 X 600' surrounding the well pad center stake and a 66' wide corridor along approximately 3000' of access road were inventoried. One isolated artifact occurrence was found on the well pad area, but does not have depth of deposits and is not culturally significant. Archeological clearance is recommended for this project.



POWERS ELEVATION

Well Location Plat



Operator Tricentrol U.S.A.		Well name Nancy Federal 34-14	
Section 34	Township 37 South	Range 25 East	Meridian SLPM
Footages 10' FSL & 600' FWL			County/State San Juan, Utah
Elevation 5358'	Requested by Lisa Green		
<p>The above plat is true and correct to the best of my knowledge and belief.</p> <p>28 April 1983</p> <p><i>Gerald G. Huddleston</i> Gerald G. Huddleston, L.S. Utah exception</p>			

OPERATOR TRICENTRAL RESOURCES INC DATE 5-20-83

WELL NAME NANCY FED 34-14

SEC SWSW 34 T 37S R 25E COUNTY SAN JUAN

43-037-30913
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

MAP

☒

HL

☐

NID

☒☒

PI

PROCESSING COMMENTS:

SURVEY PLAT DOES NOT RECONCILE WITH APD

7/13/83 NEW SURVEY PLAT REC'D.

CHIEF PETROLEUM ENGINEER REVIEW:

7/13/83 ✓ out well
unit.

APPROVAL LETTER:

SPACING: ☒ A-3 LITTLE NANCY
UNIT

☐

c-3-a

CAUSE NO. & DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

none

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP. *NO*

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING *FLD*

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☐ ORDER _____

☒ UNIT LITTLE NANCY

☐ c-3-b

☐ c-3-c

☐ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☐ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

July 13 1983

Tricentrol Resources, Inc.
c/o Permitco
1020 - 15th Street, Suite 22-E
Denver, Colorado 80202

RE: Well No. Nancy Fed. 34-14
SWSW Sec. 34, T. 37S, R. 25E
10' FSL, 800' FWL
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:


RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30913.

Sincerely,


R. J. Firth
Chief Petroleum Engineer

RJF/as
cc: Oil & Gas Operations
Encl.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 4, 1984

Tricentrol Resources, Inc.
c/o Permitco
1020 - 15th Street, Suite 22-E
Denver, Colorado 80202

Re: Well No. Nancy Fed. #34-14/
API #43-037-30913
10' FSL, 840' FWL SW/SW
SEc. 34, T. 37S, R. 25E.
San Juan County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

If spudding has not occurred within one year of the date of approval for this well, approval to drill is rescinded.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones
Well Records Specialist

CJ/cj



United States Department of the Interior

IN REPLY REFER TO

BUREAU OF LAND MANAGEMENT

Moab District

P. O. Box 970

Moab, Utah 84532

OCT 19 1984

Tricentrol Resources, Inc.
c/o Permitco
1020-15th Street, Suite 22-E
Denver, CO 80202

Re: Rescind Application for Permit to
Drill
Well No. Nancy Federal 34-14
SWSW Sec. 34, T. 37 S., R. 25 E.
San Juan County, Utah
Lease U-44822

Gentlemen:

The Application for Permit to Drill the referenced well was approved on July 21, 1983. Since that date no known activity has transpired at the approved location.

Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application.

A new application has been received from Permitco bearing the same well name but having a different footage location, and it is presently being processed.

If you have any questions, please contact the Branch of Fluid Minerals (801) 259-6111.

Sincerely,

/S/ GENE NODINE

District Manager

cc: San Juan Resource Area
State of Utah, Division of Oil, Gas and Mining ✓



Save Energy and You Serve America!

RECEIVED

OCT 22 1984

DIVISION OF OIL
& GAS & MINING



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 23, 1984

Tricentrol Resources, Incorporated
C/O Permitco
1020-15th Street, Suite 22-E
Denver, Colorado 80202

Gentlemen:

Re: Well No. Nancy Federal #34-14 - Sec. 34 T. 37S., R. 25E.
San Juan County, Utah - API #43-037-30913

In concert with action taken by the Bureau of Land Management, October 19, 1984, approval to drill the above referred to well is hereby rescinded without prejudice.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely

John R. Baza
Petroleum Engineer

clj

cc: Dianne R. Nielson
Ronald J. Firth
File
00000010/12